

SUMMARY OF OPTIONS AND FINAL STATUS

JUNE 26, 2007 – STAKEHOLDER WORK GROUP MEETING

(Options are grouped first by Priority, then by Bin. Ordered by Sector number. Not ranked.)

Process Followed:

Assessments initially assigned in open sector group meetings and/or conference calls. Information was then brought to a Stakeholder Workgroup (SWG) meeting. SWG members either let the assessment stand or changed it. Where there was a change, the original sector group designation is noted in italics.

Sector Abbreviations:

AF = Agriculture/Forestry; CC = Cross Cutting; ES = Energy Supply; RCI = Residential/Commercial/Industrial;
TL = Transportation/Land Use

Priority – High, Medium, or Low

Considerations:

- How much “bang for the buck” in terms of cost and CO₂e reduction potential?
- Is it critical to the accomplishment of an end result? (Keep in mind that some options are “enablers.”)
- Can we assign it a higher priority, if we can’t afford to do it?
- Does it have an immediate or a long-term pay-off?

Bins – Address Difficulty

BIN A: **"No-Brainers"** - Benefit appears to be high; it can be readily implemented; changes to existing laws and regulations are minimal or will be readily supported; the cost is modest or reasonable; and there is little or no harm associated with it.

BIN B: **"Worth Consideration"** - Most of the Bin A conditions can be met and the rest can be met with some effort. It is the opinion of the group that the effort required, in terms of cost and do-ability, are worth the benefit gained.

BIN C: **"Difficult"** - While the idea may have merit, the cost and/or effort required to make it work will either be very difficult but something that needs to be done OR may not be worth the benefit realized. There is a likely probability of significant impact OR "unintended consequences" other than cost to implement.

BIN D: **"Need more information"** - The option is too general/vague or not enough analytical information can be obtained to evaluate in the time allowed.

POLICY OPTION	ASSESSMENT
AF-9 - Promote Urban and Community Trees	High Priority Bin A
AF-12 – Increase Fire Management and Risk Reduction Programs	High Priority Bin A
CC-3 - Public Education and Outreach	High Priority Bin A
CC-4 - Research and Development into Low/no Carbon Energy Strategies	High Priority Bin A
CC-7 - Guidelines for Climate Policy (in general); Coordination with other Policies	High Priority Bin A
CC-8 - Evaluate Existing Climate Proposals at the Regional and Federal Levels	High Priority Bin A
ES-5 (A) Tax Credits and Incentives for Renewable Energy	High Priority Bin A
ES-17 (D) Efficiency Improvements	High Priority Bin A
RCI-1 - Utility Demand Side Management	High Priority Bin A
RCI-2 - Voluntary efficiency targets	High Priority Bin A
RCI-8 - State Appliance Efficiency Standards	High Priority Bin A
RCI-11 - Government Lead by Example w/ Mandatory Efficiency Targets	High Priority Bin A
RCI-20 - Incentives for Improved Design and Construction (e.g. Energy Star, LEED, green buildings, expedited permitting)	High Priority Bin A
RCI-21 - Improved Building Codes	High Priority Bin A
RCI-23 - Waste/Recycling	High Priority Bin A
TL-7 - Promote Low-Carbon Fuels and Vehicle Technologies (Statewide)	High Priority Bin A
TL-8 - State Fleet Lead by Example	High Priority Bin A
TL-13 - Education Program	High Priority Bin A
CC-1 - GHG Registry	High Priority Bin A/B
AF-1 - Promote Production of Biomass Fuels	High Priority Bin: B. <i>Sector Group: Medium Priority</i>
AF-6 - Preserve Open Space/Agricultural Land	High Priority Bin B.
AF-7 - Protect Forestland by Reduced Conversion to Non-forest Uses (urban, suburban, and rural lands)	High Priority Bin B
AF-13 – Increase Forest Health (pest/disease, invasive species) Risk Reduction Programs	High Priority Bin B <i>Sector Group: Bin A</i>
CC-2 - GHG Reduction Target	High Priority Bin B
CC-5 - Climate Adaptation Strategies and Policies	High Priority Bin B

POLICY OPTION	ASSESSMENT
CC-6 - Regional/State Cap and Trade Program, Carbon Tax, or Hybrid	High Priority Bin B
ES-1(A) Renewable Portfolio Standard	High Priority Bin B
ES-2 (A) Create Renewable Energy Development Zones	High Priority Bin B
ES-4 (A) Public Benefit Charge	High Priority Bin B
ES-6 (A) Pricing and Metering Strategies	High Priority Bin B
ES-7 Research and Development	High Priority Bin B
ES-8 (B) Develop CO ₂ Capture and Sequestration Policy	High Priority Bin B
ES-9 (B) Issues for CO ₂ Transmission	High Priority Bin B
ES-10 (B) Research and Development	High Priority Bin B
ES-11 (C) Incentives for Advanced Fossil Fuel Technologies that Yield Carbon Reduction Benefits	High Priority Bin B
ES-16 (D) Generation or Emissions Performance Standards	High Priority Bin B
ES-20 (D) Retire Old Plant; Build New Low-Carbon Greenfield Plant	High Priority Bin B
ES-22 Remove Transmission/Distribution System Limitations and other Infrastructure Barriers for Renewables and other Clean Distributed Generation	High Priority Bin B
ES-23 Transmission System Upgrading	High Priority Bin B
RCI-5 - Rate Design	High Priority Bin B
RCI-7 - Distributed Generation with Renewable Energy Applications	High Priority Bin B <i>Sector Group: Bin A</i>
RCI-12 - State Promotion and Tax or Other Incentives for Efficient Products (e.g. EnergyStar)	High Priority Bin B
RCI-15 - Reinvestment Fund	High Priority Bin B <i>Sector Group: Medium Priority</i>
TL-1 – Develop and Implement Aggressive Mass Transit Strategy	High Priority Bin B
TL-2 - Quality Growth Program	High Priority Bin B
TL-3- Pay-As-You-Drive Insurance	High Priority Bin B
TL-6 – “Buy Local” Program	High Priority Bin B <i>Sector Group: Medium Priority</i>
TL-9 - Clean Car Program	High Priority Bin B
TL-10 - Idle-Reduction Program	High Priority Bin B

POLICY OPTION	ASSESSMENT
TL-14 – Explore Funding Options for the Suite of Transportation and Land Use Options	High Priority Bin B
ES-19 (D)Retrofit Plants w/CO ₂ Capture	High Priority Bin C
AF-5 - Convert Land to Grassland or Forests	High Priority Bin D <i>Sector Group: Bin B</i>
RCI-6 - Distributed Generation with Combined Heat and Power Systems (including Reducing Barriers)	High Priority Bin D
TL-4 - Trip Reduction, Rideshare, Vanpool, Telecommuting	High Priority Bin D <i>Sector Group: Medium Priority</i>
TL-11 - Vehicle Speed Reduction	Higher Priority - Difficult <i>Sector Group: Low Priority Bin D</i>
ES-3 (A) Green Power Purchases and Marketing	Medium Priority Bin A
ES-12 (C)Landfill Gas/Waste to Energy that Yield Carbon Reduction Benefits	Medium Priority Bin A
RCI-4 - Green Power Purchasing	Medium Priority Bin A
AF-2 – Improve Manure Management	Medium Priority Bin B
AF-3 - Change Livestock Feed and Improve Productivity to Reduce Methane Emissions	Medium Priority Bin B
AF-4 – Encourage Innovative Soil Mgmt.	Medium Priority Bin B
AF-14 – Expand Use of Wood Products for Building Materials	Medium Priority Bin B
ES-21 Incentives and Barrier Reductions for CHP and DG	Medium Priority Bin B
RCI-9 - Solar Hot Water and Photovoltaic Codes for New Buildings	Medium Priority Bin B
RCI-10 - Energy Management Training / Training of Building Operators	Medium Priority Bin B
RCI-17 - Participation in Voluntary Industry-Government Partnerships	Medium Priority Bin B
RCI-19 - Water Pumping, Treatment, and Use Efficiency	Medium Priority Bin B
AF-10 – Promote Reforestation, Proper Stocking, and Density Management of Managed Stands	Medium Priority Bin C
AF-11 – Develop and Implement Best Management Practices for Biomass Removal	Medium Priority Bin C <i>Sector Group: Bin B</i>
TL-12- Feebates (Fee on High GHG Vehicles; Rebates on Low GHG vehicles)	Medium Priority Bin C
AF-8 – Encourage Afforestation and or Restoration of Nonforest Land	Medium Priority Bin D
AF-15 Expand Use of Forest Biomass Feedstocks for Energy Production (fuel switching)	Medium Priority Bin D
ES-18 (D) Fuel Switching	Medium Priority Bin D
RCI-3 - Regional Market Transformation Alliance	Medium Priority Bin D
RCI-14 - Fuel Switching to Less Carbon-Intensive Fuels	Medium Priority Bin D

POLICY OPTION	ASSESSMENT
TL-5 - Explore Shared Vehicle Ownership Programs (e.g. Flex-car, Zipcar)	Medium Priority Bin D
ES-13 (C)Fuel Cell Development	Low Priority Bin B
ES-14 (C) Hydrogen Development	Low Priority Bin C
ES-15 (C)Nuclear Development	Low Priority Bin C
ES-24 GHG emissions reduction from fuel combustion in extraction operations	Low Priority Bin C
ES-25 GHG Leakage reduction program	Low Priority Bin C/D
RCI-16 - Focus on Small and Medium Enterprises (SMEs)	Low Priority Bin D
RCI-13 - Increased use of blended cement	Not enough information to prioritize; Bin D
RCI-18 - Process Changes/ Optimization	Not enough information to prioritize; Bin D
RCI-22 - Alternative Gases/Leak Reduction	Not enough information to prioritize; Bin D